

any method which gives equivalent results.

[42 FR 40869, Aug. 12, 1977; 42 FR 64356, Dec. 23, 1977, as amended at 47 FR 34516, Aug. 10, 1982; 54 FR 21403, May 18, 1989. Redesignated at 54 FR 21406, May 18, 1989 and 60 FR 16364, Mar. 30, 1995]

§ 868.305 Interpretive line samples.

Interpretive line samples showing the official scoring line for factors that are determined by visual observation shall be maintained by the Federal Grain Inspection Service, U.S. Department of Agriculture, and shall be available for reference in all inspection offices that inspect and grade rice.

[42 FR 40869, Aug. 12, 1977; 42 FR 64356, Dec. 23, 1977, as amended at 47 FR 34516, Aug. 10, 1982. Redesignated at 54 FR 21406, May 18, 1989 and 60 FR 16364, Mar. 30, 1995]

§ 868.306 Milling requirements.

The degree of milling for milled rice; *i.e.*, “hard milled,” “well-milled,” and “reasonably well-milled,” shall be equal to, or better than, that of the interpretive line samples for such rice.

[67 FR 61250, Sept. 30, 2002]

§ 868.307 Moisture.

Water content in milled rice as determined by an FGIS approved device in accordance with procedures prescribed in FGIS instructions.

[67 FR 61250, Sept. 30, 2002]

§ 868.308 Percentages.

(a) *Rounding.* Percentages are determined on the basis of weight and are rounded as follows:

(1) When the figure to be rounded is followed by a figure greater than or equal to 5, round to the next higher figure; *e.g.*, report 6.36 as 6.4, 0.35 as 0.4, and 2.45 as 2.5.

(2) When the figure to be rounded is followed by a figure less than 5, retain the figure, *e.g.*, report 8.34 as 8.3 and 1.22 and 1.2.

(b) *Recording.* The percentage of broken kernels removed by a 5 plate in U.S. Nos. 1 and 2 Milled Rice and the percentage of objectionable seeds in U.S. No. 1 Brewers Milled Rice is reported to the nearest hundredth percent. The percentages of all other factors are recorded to the nearest tenth of a percent.

[54 FR 21406, May 18, 1989. Redesignated at 60 FR 16364, Mar. 30, 1995]

§ 868.309 Information.

Requests for the Rice Inspection Handbook, Equipment Handbook, or for information concerning approved devices and procedures, criteria for approved devices, and requests for approval of devices should be directed to the U.S. Department of Agriculture, Federal Grain Inspection Service, P.O. Box 96454, Washington, DC 20090-6454, or any field office or cooperator.

[54 FR 21407, May 18, 1989. Redesignated at 60 FR 16364, Mar. 30, 1995]

§ 868.310 Grades and grade requirements for the classes Long Grain Milled Rice, Medium Grain Milled Rice, Short Grain Milled Rice, and Mixed Milled Rice. (See also § 868.315.)

GRADES, GRADE REQUIREMENTS, AND GRADE DESIGNATIONS

Grade	Maximum limits of—											Color requirements ¹	Minimum milling requirements ⁵
	Seeds, heat damaged, and paddy kernels (singly or combined)		Red rice and damaged kernels (singly or combined) (percent)	Chalky kernels ^{1 2}		Broken kernels				Other types ⁴			
	Total (number in 500 grams)	Heat damaged kernels and objectionable seeds (number in 500 grams)											
				In long grain rice (percent)	In medium or short grain rice (percent)	Total (percent)	Removed by a 5 plate ³ (percent)	Removed by a 6 plate ³ (percent)	Through a 6 sieve ³ (percent)	Whole kernels (percent)	Whole and broken kernels (percent)		
U.S. No. 1	2	1	0.5	1.0	2.0	4.0	0.04	0.1	0.1	.....	1.0	White or creamy.	Well Milled.
U.S. No. 2	4	2	1.5	2.0	4.0	7.0	0.06	0.2	0.2	.....	2.0	Slightly gray ...	Well Milled.
U.S. No. 3	7	5	2.5	4.0	6.0	15.0	0.1	0.8	0.5	.....	3.0	Light gray	Reasonably well milled.
U.S. No. 4	20	15	4.0	6.0	8.0	25.0	0.4	1.0	0.7	.....	5.0	Gray or slightly rosy.	Reasonably well milled.
U.S. No. 5	30	25	⁵ 6.0	10.0	10.0	35.0	0.7	3.0	1.0	10.0	.....	Dark gray or rosy.	Reasonably well milled.
U.S. No. 6	75	75	⁶ 15.0	15.0	15.0	50.0	1.0	4.0	2.0	10.0	.....	Dark gray or rosy.	Reasonably well milled.

U.S. Sample grade:

U.S. Sample grade shall be milled rice of any of these classes which: (a) Does not meet the requirements for any of the grades from U.S. No. 1 to U.S. No. 6, inclusive; (b) contains more than 15.0 percent of moisture; (c) is musty or sour, or heating; (d) has any commercially objectionable foreign odor; (e) contains more than 0.1 percent of foreign material; (f) Contains two or more live or dead weevils or other insects, insect webbing, or insect refuse; (g) is otherwise of distinctly low quality.

¹ For the special grade Parboiled milled rice, see § 868.315(c).

² For the special grade Glutinous milled rice, see § 868.315(e).

³ Plates should be used for southern production rice; and sieves should be used for western production rice, but any device or method which gives equivalent results may be used.

⁴ These limits do not apply to the class Mixed Milled Rice.

⁵ For the special grade Undermilled milled rice, see § 868.315(d).

⁶ Grade U.S. No. 6 shall contain not more than 6.0 percent of damaged kernels.

[67 FR 61250, Sept. 30, 2002, as amended at 70 FR 37255, June 29, 2005]

§ 868.311 Grades and grade requirements for the class Second Head Milled Rice. (See also § 868.315.)

GRADES, GRADE REQUIREMENTS, AND GRADE DESIGNATIONS

Grade	Maximum limits of—					
	Seeds, heat-damaged, and paddy kernels (singly or combined)		Red rice and damaged kernels (singly or combined) (percent)	Chalky kernels ^{1 3} (percent)	Color requirements ¹	Minimum milling requirements ²
	Total (number in 500 grams)	Heat-damaged kernels and objectionable seeds (number in 500 grams)				
U.S. No. 1	15	5	1.0	4.0	White or Creamy	Well milled.
U.S. No. 2	20	10	2.0	6.0	Slightly gray	Well milled.
U.S. No. 3	35	15	3.0	10.0	Light gray	Reasonably well milled.
U.S. No. 4	50	25	5.0	15.0	Gray or slightly gray	Reasonably well milled.
U.S. No. 5	75	40	10.0	20.0	Dark gray or rosy ...	Reasonably well milled.

U.S. Sample grade:

U.S. Sample grade shall be milled rice of this class which: (a) Does not meet the requirements for any of the grades from U.S. No. 1 to U.S. No. 5, inclusive; (b) contains more than 15.0 percent of moisture; (c) is musty or sour, or heating; (d) has any commercially objectionable foreign odor; (e) contains more than 0.1 percent of foreign material; (f) contains two or more live or dead weevils or other insects, insect webbing, or insect refuse; or (g) is otherwise of distinctly low quality.

¹ For the special grade Parboiled milled rice, see § 868.315(c).² For the special grade Undermilled milled rice, see § 868.315(d).³ For the special grade Glutinous milled rice, see § 868.315(e).

[67 FR 61251, Sept. 30, 2002]

§ 868.312 Grade and grade requirements for the class Screenings Milled Rice. (See also § 868.315.)

GRADES, GRADE REQUIREMENTS, AND GRADE DESIGNATIONS

Grade	Maximum limits of—				
	Paddy kernels and seeds		Chalky kernels ^{1,3} (percent)	Color requirements ¹	Minimum milling requirements ²
	Total (number in 500 grams)	Objectionable seeds (number in 500 grams)			
U.S. No. 1 ^{4,5}	30	20	5.0	White or Creamy	Well milled.
U.S. No. 2 ^{4,5}	75	50	8.0	Slightly gray	Well milled.
U.S. No. 3 ^{4,5}	125	90	12.0	Light gray or slightly rosy	Reasonably well milled.
U.S. No. 4 ^{4,5}	175	140	20.0	Gray or rosy	Reasonably well milled.
U.S. No. 5	250	200	30.0	Dark gray or very rosy ...	Reasonably well milled.

U.S. Sample grade:

U.S. Sample grade shall be milled rice of this class which: (a) Does not meet the requirements for any of the grades from U.S. No. 1 to U.S. No. 5, inclusive; (b) contains more than 15.0 percent of moisture; (c) is musty or sour, or heating; (d) has any commercially objectionable foreign odor; (e) has a badly damaged or extremely red appearance (f) contains more than 0.1 percent of foreign material; (g) contains two or more live or dead weevils or other insects, insect webbing, or insect refuse; or (h) is otherwise of distinctly low quality.

¹ For the special grade Parboiled milled rice, see § 868.315(c).² For the special grade Undermilled milled rice, see § 868.315(d).³ For the special grade Glutinous milled rice, see § 868.315(e).⁴ Grades U.S. No. 1 to U.S. No. 4, inclusive, shall contain not more than 3.0 percent of heat-damaged kernels, kernels damaged by heat and/or parboiled kernels in nonparboiled rice.⁵ Grades U.S. No. 1 to U.S. No. 4, inclusive, shall contain not more than 1.0 percent of material passing through a 30 sieve.

[67 FR 61251, Sept. 30, 2002]